

FIG. 1

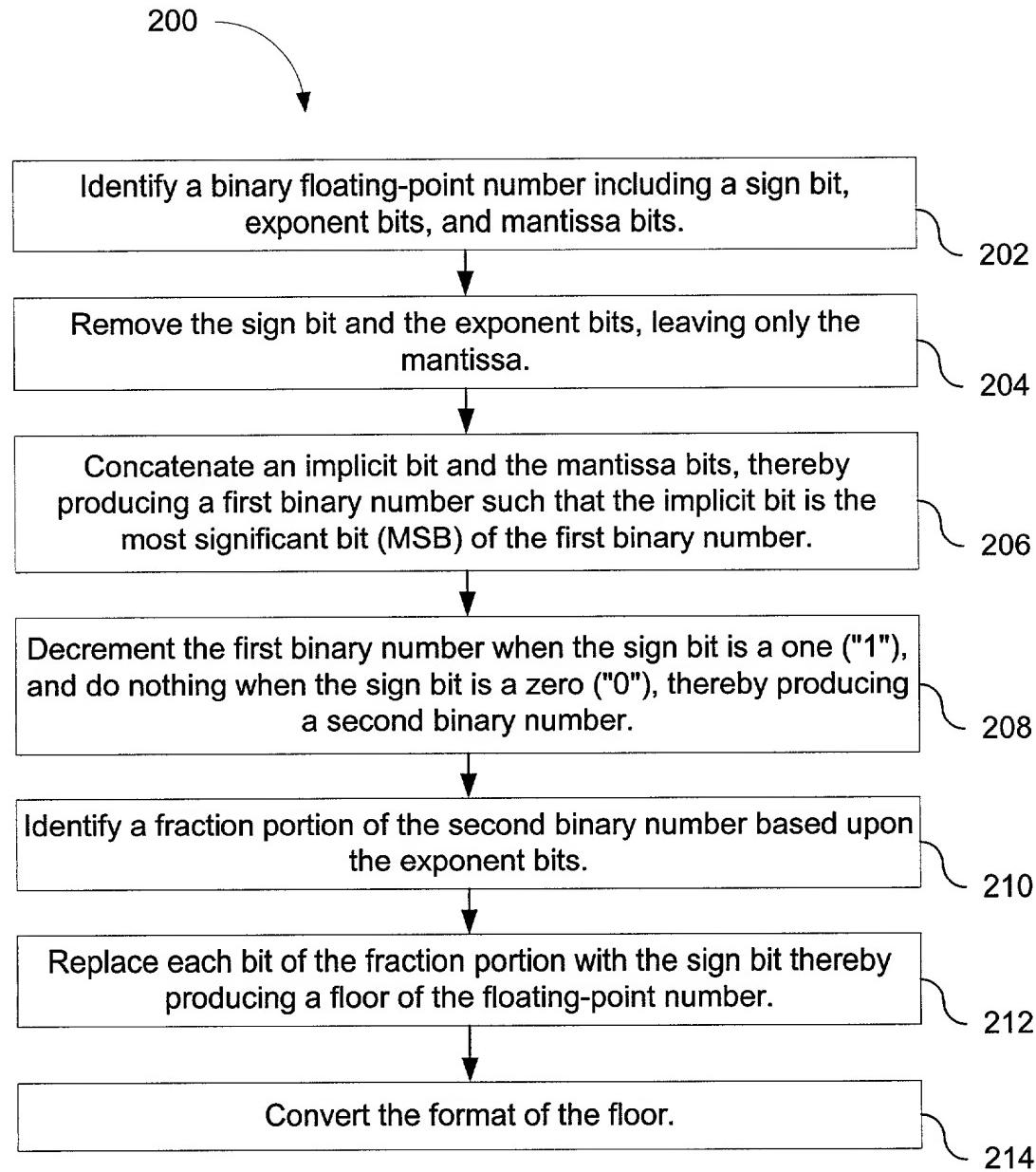


FIG. 2

300

```
graph TD; A[300] --> B[302];
```

Replace the MSB of the second binary number with the exponent bits and the sign bit, thereby producing a seventh binary number, such that the sign bit is the MSB of the seventh binary number.

302

Replace the MSB of the third binary number with the exponent bits and the sign bit, thereby producing an eighth binary number, such that the sign bit is the MSB of the eighth binary number.

304

Perform a floating point subtraction with the seventh binary number as the minuend and the eighth binary number as the subtrahend, thereby producing a fractional remainder of the floating-point number.

306

FIG. 3

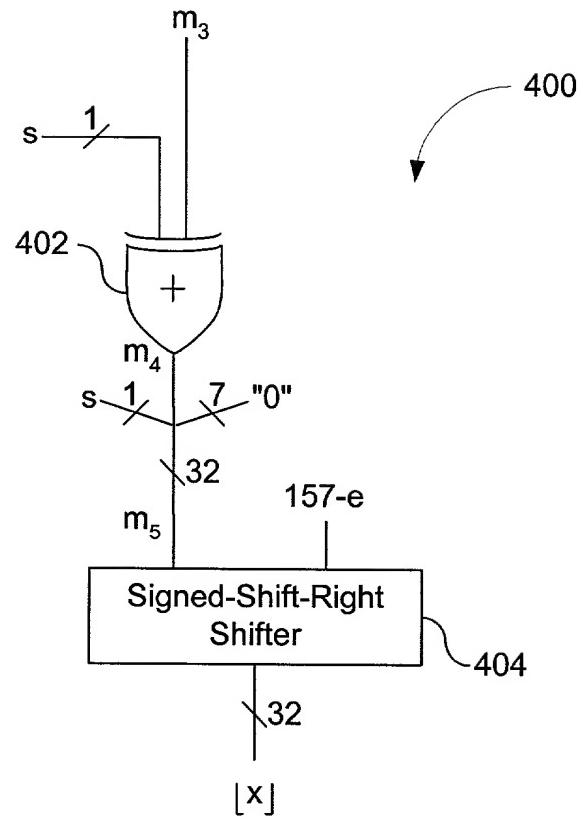


FIG. 4

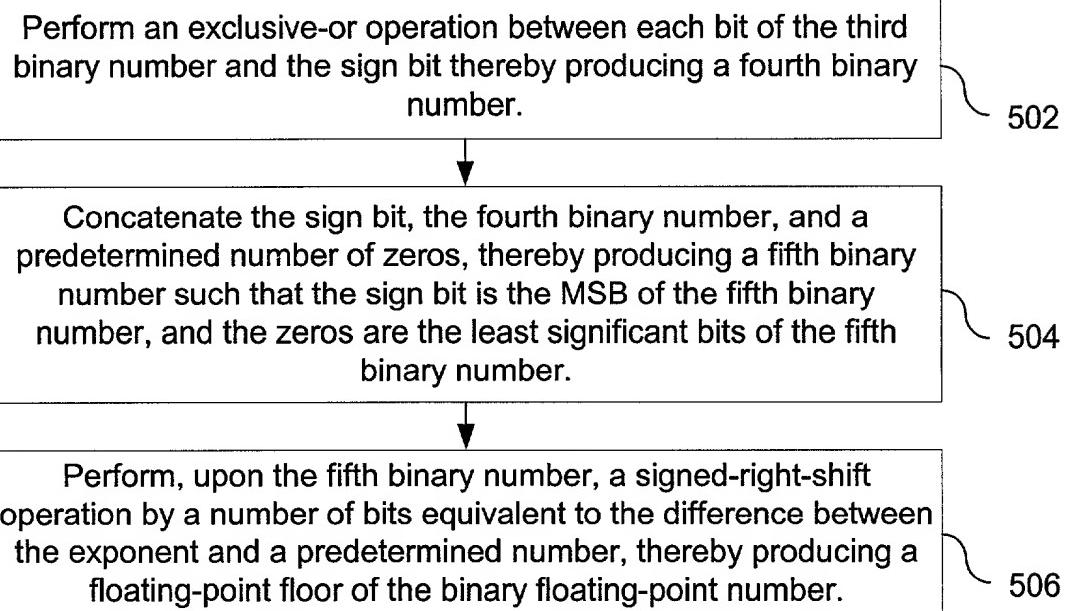


FIG. 5

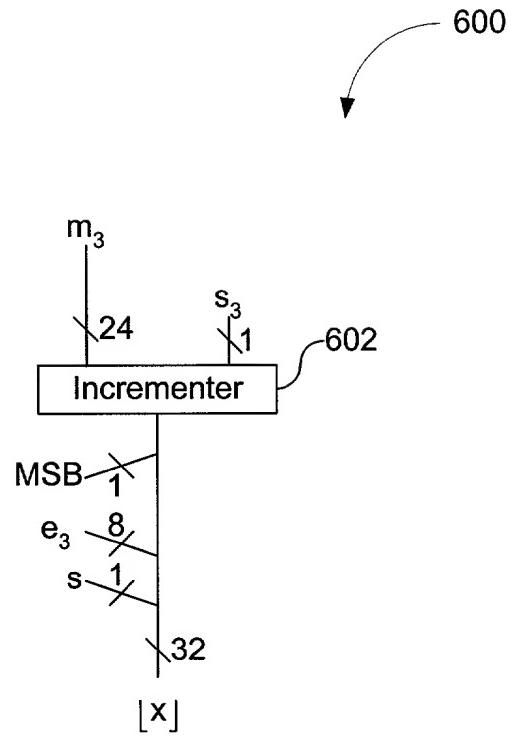


FIG. 6

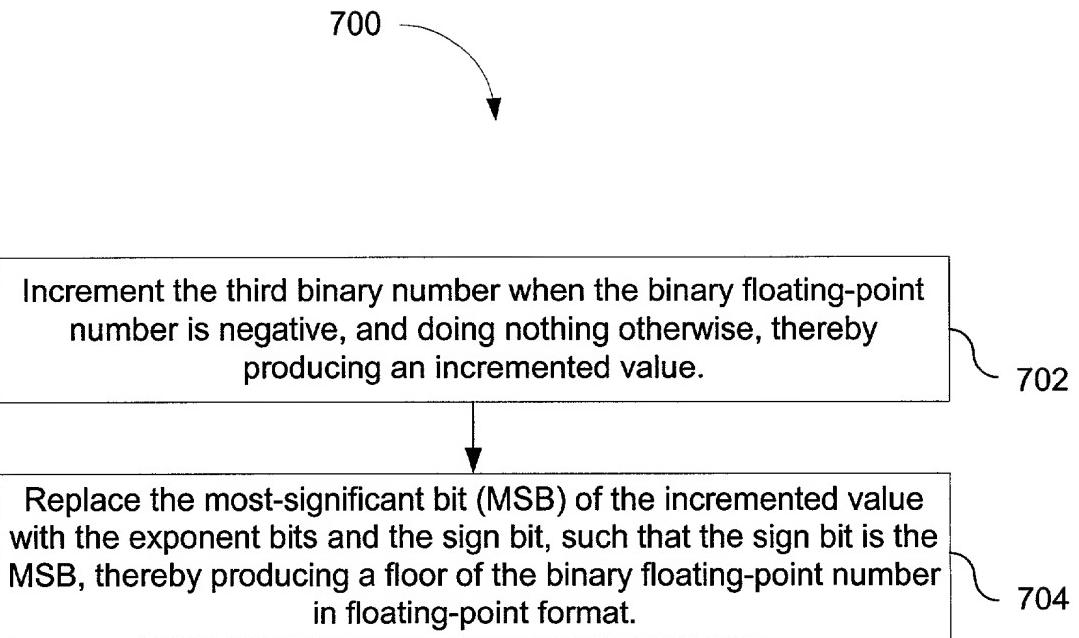


FIG. 7